



GATEWAY REGION YMCA SOLUBILITY

Solubility describes the ability of a substance to dissolve in another substance. Let's explore solubility with an experiment!

Supply List

- Sugar
- Salt
- Sand (coffee grounds)
- Water
- Cups
- Spoon

Instructions

1. Fill cups with water
2. Add a spoonful of each of the substances into a different cup and stir. Can you make it dissolve?
 - a. Salt has a high solubility
 - b. Sand does not! Won't dissolve, this is a *mixture*

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gwrymca.org/steam-challenges



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